

Date: Sun, 20 Feb 94 04:30:07 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #183  
To: Info-Hams

Info-Hams Digest                      Sun, 20 Feb 94                      Volume 94 : Issue 183

Today's Topics:

        A transmission line loss question  
                CELLULAR SURVEILLANCE  
        Good car choice for mobile (Honda Accord??)  
                ham-univ mailing list  
                Ham software for Mac  
                Hamvention Parking  
                HAM WANNABE  
        MFJ speaker/mics for Yaesu FT530  
        Noise Problem (and other noise sources)  
                Scandinavian Repeater Scene?  
        So what happened to the Kenwood TR-751 & TR-851 ?  
                Tone Burst Whistle?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Sat, 19 Feb 1994 00:44:17 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!  
sdd.hp.com!hp-cv!hp-pcd!hpcvsnz!tomb@network.ucsd.edu  
Subject: A transmission line loss question  
To: info-hams@ucsd.edu

I have a perverse question about feeding an antenna with a coaxial  
transmission line. This is intended as food for thought. (You've  
been warned ;-)

Assume you have a 50 ohm antenna you want to use on a single

frequency in the two meter band. You will be feeding it with about 100 feet of coax, which will be cut to an exact integer multiple number of half-wavelengths on the operating frequency. Which of the following two transmission lines will you choose to give lower loss?

- A. 50 ohm air-insulated copper line with 1" OD
- B. 75 ohm air-insulated copper line with 1" OD -- in other words, same line as in (A), but a smaller center conductor.

73, K7ITM

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Date: 18 Feb 1994 23:24:11 GMT  
From: swrinde!sdd.hp.com!col.hp.com!kenw@network.ucsd.edu  
Subject: CELLULAR SURVEILLANCE  
To: info-hams@ucsd.edu

What scanner users -really- need is a control circuit for various TRUNKING systems! How about developing a low-cost (<\$100) circuit to do that? You listening CSI?

-----  
Date: Sat, 19 Feb 1994 01:15:34 GMT  
From: world!dts@uunet.uu.net  
Subject: Good car choice for mobile (Honda Accord??)  
To: info-hams@ucsd.edu

In article <markehCLFyo1.EtI@netcom.com> markeh@netcom.com (Mark Helfen) writes:  
>Appreciate any help::

>  
>I am looking for a new car. My first choice was a Honda Accord. When the  
>dealer called the factory rep to ask about mobile radio installations, the  
>reply was: "We don't know anything about that. We have guidelines for  
>installing equipment we sell (ie: stereos) only. If you install any other  
>equipment (ham equip) you are on your own. Any damage you do is your  
>responsibility". (not a direct quote - just my interpretation of what I  
>heard)

>  
>SO.... I still need a car, and would appreciate any help from people who  
>have been down this path  
>  
>-- Have you installed a mobile rig in a recent (93, or 94) Honda, and what  
>was your experience.

>

>-- Can you reccomend another car (similar size/price/quality), recent/new  
>model, where you have had success with an install, and didn't fry the  
>ignition computer, etc...  
>  
>  
>Thanks for your help  
>  
>Mark  
>  
>KM6FM  
>  
>  
>

Some Hondas are rolling wide-band RF noise sources. This is certainly true of N1JIT's car. Honda's people at their US headquarters were rather hostile on the telephone when I asked about the issue. With customer service like that, I'll buy an american car next time, and the japanese economy can continue to plummet...

I should note that Nissan of America sent a pretty good set of sheets to me in which they indicated maximum power levels at different frequencies that they recommend. It was generally pretty positive.

Ed Hare at the ARRL sent letters to the various auto manufacturers asking about radio installation. The responses varied. I have a copy of the letter from Chrysler, in which they indicate which extra ordering code to use when ordering a new car to be built. This code will ensure the installation of electronics modules which are specially shielded. Chrysler has been doing a lot of work to ensure their cars do not have these problems, too.

GM has a booklet out on the subject. I was very impressed to see a GM booth at Dayton last year. The folks in the booth were GM hams, who were handing out info on proper installation of radio gear.

Based on positive info from the US companies, and mixed to negative from Honda, I'll probably buy american next time.

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Daniel Senie                      Internet:      dts@world.std.com  
Daniel Senie Consulting           n1jeb@world.std.com  
508-365-5352                      Compuserve:   74176,1347  
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Date: Thu, 17 Feb 94 17:40:16 MST

From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!asuvax!  
ennews!stat!david@network.ucsd.edu  
Subject: ham-univ mailing list  
To: info-hams@ucsd.edu

I need the address of the ham-univ mailing list. Can someone mail it  
asap to me, I have a problem I need the expertise of the group.

david dodell, wb7tpy

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Editor, HICNet Medical Newsletter  
Internet: david@stat.com FAX: +1 (602) 451-1165  
Bitnet : ATW1H@ASUACAD

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Date: Fri, 18 Feb 1994 21:49:28 GMT  
From: swrinde!cs.utexas.edu!oakhill!spud!geraldg@network.ucsd.edu  
Subject: Ham software for Mac  
To: info-hams@ucsd.edu

I'm looking for satellite tracking, DX database, packet and other radio  
related software recommendations for my Mac. Please respond via email.

Thanks,  
Gerald

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Gerald W. Garcia, P.E. N5UMB	Motorola Inc., MD: TX30/OE37
Senior Design Engineer	6501 Wm. Cannon Dr. West
geraldg@spud.sps.mot.com	Austin, TX 78735-8598
(512) 891-2806 (voice)	(512) 891-8315 (fax)

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Date: Sun, 20 Feb 1994 07:27:45 GMT  
From: agate!usenet.ins.cwru.edu!news.csuohio.edu!sww@ames.arpa  
Subject: Hamvention Parking  
To: info-hams@ucsd.edu

Let's see ...

They spent \$90k last year and the busses were crowded.

They are spending about half of that this year.

Or ..

I can park in the mud and walk in the street.

Hmmmmm.

73,  
Steve, N08M

(Still hearing about KP4s, HCs, and other DX friends not coming  
due to this, too.)

-----  
Date: 20 Feb 1994 00:07:27 -0800  
From: nntp.crl.com!crl2.crl.com!not-for-mail@decwrl.dec.com  
Subject: HAM WANNABE  
To: info-hams@ucsd.edu

I've always wanted to get into HAM radio. How do I start? What do I need  
to do?

-----  
Date: Tue, 15 Feb 94 11:46:10 EST  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!linus!  
linus.mitre.org!mwvm.mitre.org!M14494@network.ucsd.edu  
Subject: MFJ speaker/mics for Yaesu FT530  
To: info-hams@ucsd.edu

>I am considering getting an MFJ speaker/mic...

I have one for my Yaesu. It works ok, but not great. The  
sound quality is tinny and pitched toward the high end;  
none of this is surprising considering the small size.  
It's usable, and the small size is nice; an ok deal for  
the money.

Mike, N4PDY

\*These are my opinions only\*

-----  
Date: Fri, 18 Feb 1994 19:07:12 GMT  
From: psinnntp!sunsvr6!jdc@uunet.uu.net  
Subject: Noise Problem (and other noise sources)  
To: info-hams@ucsd.edu

In article <2jqqq6i\$glg@vixen.cso.uiuc.edu>,  
Ignacy Misztal <ignacy@ux2.cso.uiuc.edu> wrote:  
>Sources of broadband noise in my house:  
>1. Light dimmers,

>2. TV set,  
>3. Fluorescent lights.  
>  
>Ignacy Misztal, N09E, SP8FWB  
>ignacy@uiuc.edu

I had a MOV (Metal Oxide Varistor) in a "surge supressor" go bad. They  
to into a partially-conducting mode, sorta like a SCR dimmer switch.

And some electronic ballast flourescent lights are really bad. We have  
some Lights of America flourescent lights with FCC Part-15 tags.

73...Jim  
N2VNO

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Date: Tue, 15 Feb 94 07:17:00 MST  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!asuvax!  
ennews!stat!david@network.ucsd.edu  
Subject: Scandinavian Repeater Scene?  
To: info-hams@ucsd.edu

I might be traveling to Stockholm, Denmark, and Norway soon. Can anyone  
fill me in on the VHF/UHF repeater situation, frequencies, tone burst  
etc?

david

---  
Editor, HICNet Medical Newsletter  
Internet: david@stat.com                      FAX: +1 (602) 451-1165  
Bitnet : ATW1H@ASUACAD

-----  
Date: Sun, 20 Feb 1994 07:19:07 GMT  
From: agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!wroth@ames.arpa  
Subject: So what happened to the Kenwood TR-751 & TR-851 ?  
To: info-hams@ucsd.edu

Brian Cuthie (brian@umbc.edu) wrote:  
: Upon trying to buy a Kenwood TR-851A, I was told that it was  
: "quietly discontinued" by Kenwood. Does anyone have any idea why?

I think the TR-851A only operated between 430 and 440 MHz, and probably  
didn't sell very well.

Wayne Roth  
WA2n

-----  
Date: Tue, 15 Feb 94 14:22:52 MST  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!asuvax!  
ennews!stat!david@network.ucsd.edu  
Subject: Tone Burst Whistle?  
To: info-hams@ucsd.edu

I have an ICOM 24AT which I would like to use with tone burst. Is there  
a way to do this easily?

I understand that someone sells a tone-burst whistle which immitates the  
tone to prevent internal modification of a radio.

Anyone heard or know where I can get one of these?

david

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Internet: david@stat.com FAX: +1 (602) 451-1165  
Bitnet : ATW1H@ASUACAD

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Date: Fri, 18 Feb 1994 10:50:20 -0500  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!  
hamblin.math.byu.edu!yvax.byu.edu!cunyvm!rohvm1!rohvm1.mah48d@network.ucsd.edu  
To: info-hams@ucsd.edu

References <CLAz5v.Iss@news.direct.net>, <2jttq4nINN122@abyss.West.Sun.COM>,  
<CLC8su.DCt@news.direct.net>hvm  
Subject : Re: John Ramsey

In article <CLC8su.DCt@news.direct.net>, kg7bk@indirect.com (Cecil Moore)  
wrote:

>  
> Your experience has been different from mine. I had 100 times the trouble  
> out of Heathkits that I had with Ramsey kits. You probably weren't around  
> for the '50s when it was a miracle if a Heathkit ever worked.  
>

Really?! I've built Heathkits from the original oscilloscope and AT-1  
transmitter right up through their kit 2-m HT, and had \_very\_ few problems

that weren't my own stupidity (back in the '50's I was known to make a cold solder joint occasionally). Think I had one bad relay in my HW-100 that they promptly replaced, can't recall any other problems in well over twenty kits.

Only built one Ramsey kit, their 40-m qrp transmitter. Very simple circuit, but it doesn't work. (Oscillator stage is okay, but the final doesn't amplify.) Haven't had a chance to troubleshoot it yet, so can't rule out my own stupidity, but Ramsey doesn't have a good track record with me.

--

73 de John Taylor W3ZID  
rohvm1.mah48d@rohmmaas.com

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Date: Sun, 20 Feb 1994 07:45:50 GMT  
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa  
To: info-hams@ucsd.edu

References <CLEFKx.91K@srgenprp.sr.hp.com>, <CLFEpB.Iqy@news.direct.net>,  
<2k3apaINNmjf@abyss.West.Sun.COM>  
Subject : Re: Spectral purity of 2m tx (was Re: RAMSEY FX TRANSCEIVER

In article <2k3apaINNmjf@abyss.West.Sun.COM> myers@pongo.West.Sun.COM (Dana Myers ) writes:

>

>Anyway, comparing 1kW on 11m to the amateur rules is pointless.  
>Amateurs have historically been very proud of a strict compliance  
>to the rules, and frequently ridicule 11m folks for not complying  
>with the appropriate rules. I should hope you aren't condoning the  
>operation of radios with illegal harmonic outputs on sensitive aero bands.

Why not? You'll defend a pirate who posts 6MHz air-to-ground frequencies on rec.radio.cb in answer to a query posted by an other pirate as to what frequencies other illegals were using outside of 11M. Don't sound so high and mighty on here Dana while at the same time defend illegals posting (inviting?) pirate operation on air-to-ground channels.

Oh, and let's not forget your coming to Shoup's defense (December) after I chastised him for stating he was going to put a 5kw xmtr on the ham bands.

Make up your mind as to which side of the law you stand on.

Jeff NH6IL



-----  
Date: (null)

From: (null)

It's too bad, but we often find that the kind of independent spirit and just plain cussed stubbornness that leads a guy to go out on his own and start a neat new business, also seems to result in a brusque and bluff attitude towards the clientele. Somehow, Ten Tec seems to have separated the cussed stubborn guys who can make a venture in a niche market work, against all odds, from the kind of flexible and accomodating folks who keep the customers happy.

Apparently, Ramsey hasn't.

Two companies. Similar beginnings. I'm afraid one is going down a very different road than the one paved by the other.

Greg

-----  
Date: Fri, 18 Feb 1994 16:39:44 GMT

From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!asuvax!  
pitstop.mcd.mot.com!mcdphx!schbbs!waters.corp.mot.com.corp.mot.com!  
user@network.ucsd.edu  
To: info-hams@ucsd.edu

References <patrick\_tatro.27.7C558180@stortek.com>,  
<rcrw90-160294163435@waters.corp.mot.com.corp.mot.com>,  
<2k0eup\$k3o@crcnis1.unl.edu>

Subject : Re: Keyboards at testing sessions

In article <2k0eup\$k3o@crcnis1.unl.edu>, mcduffie@unlinfo.unl.edu (Gary McDuffie Sr) wrote:

> rcrw90@email.mot.com (Mike Waters) writes:

>

> >The easiest way would be to disable (remove?) the hard drive and run with  
> >only the operating system and typing software. (Obviously \*not\* a morse  
> >reader of any type :-) You have to be able to demonstrate that the hard  
> >drive is empty or disabled though.

>

> Okay, what am I missing? What has the hard drive got to do with it?  
> Why would you care about a hard drive? Does Seagate put out HDs that  
> can copy code now? And as for a "morse reader", how would it be able  
> to copy in a testing environment? This guy is sweating a test. He  
> doesn't have time to load some program to help him cheat, if there was

> such a program. Just watch him like you would all the other testees,  
> maybe a little closer, if you like. I think you will find that you are  
> being paranoid for no reason.

I have no idea what help someone could get from a program, that is not the point.

My problem is that this is somewhat like the reasoning that led up to the Challenger disaster.

The need is not to show that someone *is* or *could* cheat, but for them to prove that they *could not* cheat.. If you want to use some piece of equipment in a testing session *you* must show that (a) you are not using it to cheat and (b) it won't disturb the other test takers.

Showing an empty hard drive or none at all is one very easy way to do this. Certainly there are other ways to do this. Remember the onus is not on the VEs to try to anticipate every possible way for someone to cheat, but to ensure fair tests

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Date: Fri, 18 Feb 1994 22:45:17 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!wupost!csus.edu!  
netcom.com!greg@network.ucsd.edu  
To: info-hams@ucsd.edu

References <x8yqthx.jramsey@delphi.com>, <2jqu8k\$96m@news.acns.nwu.edu>,  
<n1istCLEJFt.E7C@netcom.com>com.co  
Subject : Re: RAMSEY FX TRANSCEIVER

In article <n1istCLEJFt.E7C@netcom.com> n1ist@netcom.com (Michael L. Ardai) writes:

>  
>Why do I feel that Ten Tec is more likely to make kits that will work, meet  
>FCC spec, and not thump when the squelch closes?

>  
This is sort of interesting from a number of perspectives:

First, Ten-Tec got its start making kits, some QRP transceivers which were, by some accounts, pretty horrendous as to performance and spectral purity. You could buy anything from boards up to the complete transceiver. The latter was pretty rinky, and sort of ignored the idea of 'shielding.'

Then came the Argonaut 505. A lot less rinky-tink but still not the pinnacle of sophisticated engineering. The 509 was better, and so on...

What's the difference between Ten Tec and Ramsey, that will probably

mean that one will still be around after twenty more years?

Well, Ten Tec is LEGENDARY for treating their customers like gold. In fact, they do so well at this that they seem to be making a go of it without the dealer network who, by all accounts, pushed the higher margin competition and whose attitudes and approaches was inferior to Ten Tec's own.

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End of Info-Hams Digest V94 #183

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